

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113324.D
 Acq On : 27 Mar 2019 12:04
 Operator : JU/SJ
 Sample : K1933-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Mar 28 01:27:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

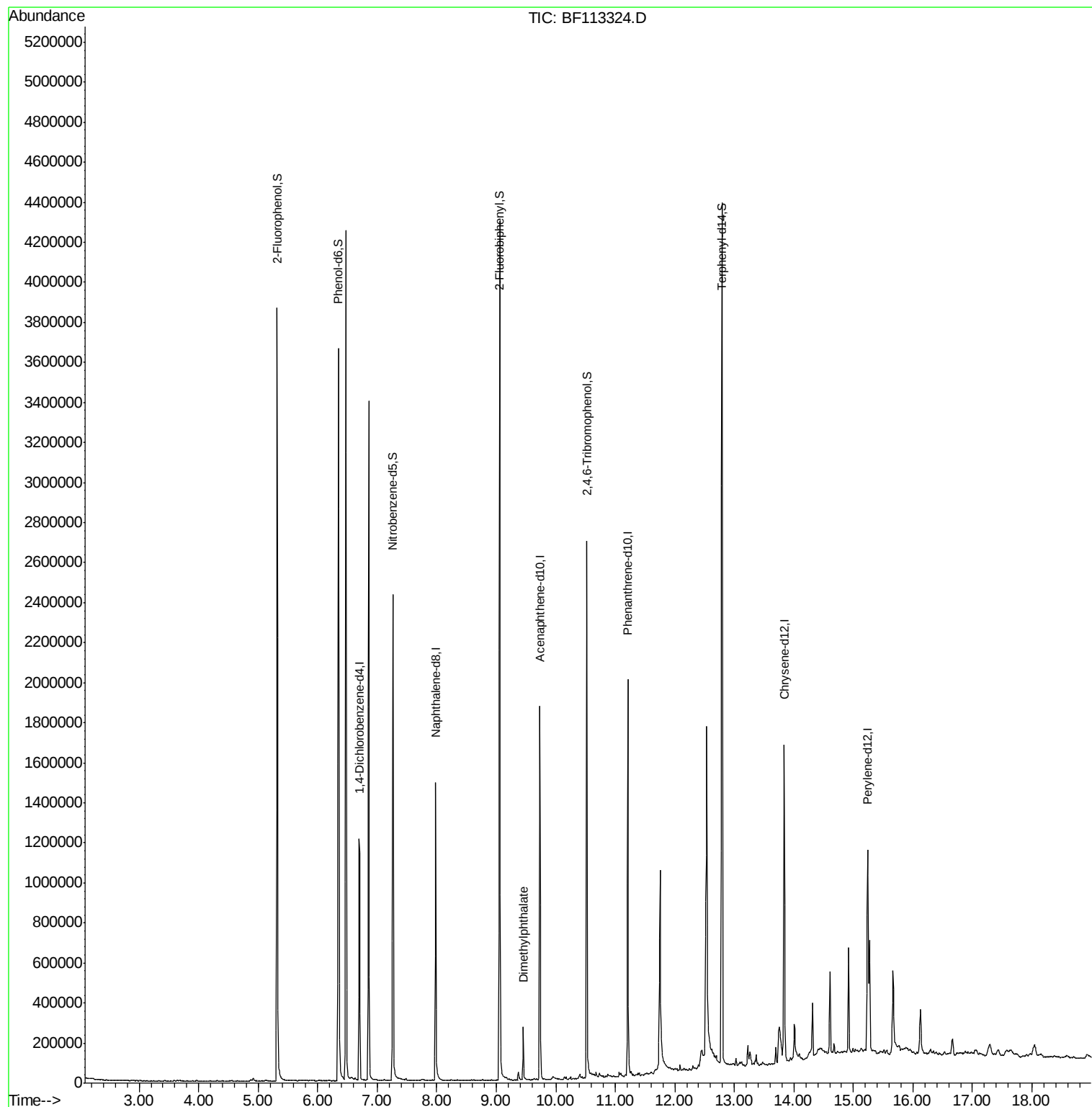
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200361	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	760188	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	373688	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	765180	20.00	ng	0.00
76) Chrysene-d12	13.84	240	574373	20.00	ng	0.00
87) Perylene-d12	15.24	264	504701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1197085	97.69	ng	0.00
7) Phenol-d6	6.35	99	1599543	103.19	ng	0.00
23) Nitrobenzene-d5	7.26	82	969480	75.70	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	391366	84.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1587262	61.75	ng	0.00
79) Terphenyl-d14	12.79	244	1712844	65.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	109907	3.969	ng	Qvalue 100

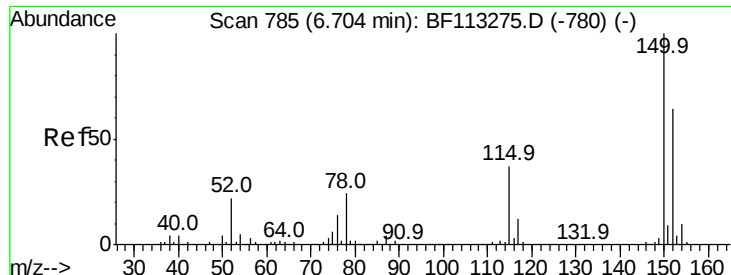
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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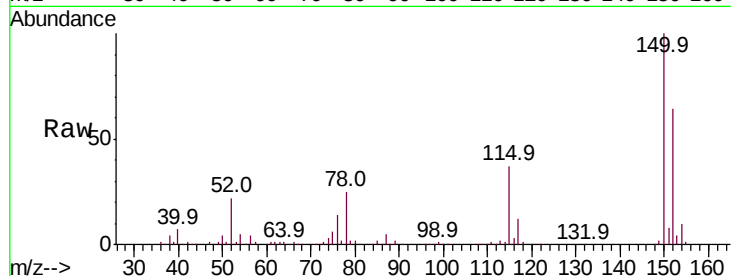


#1

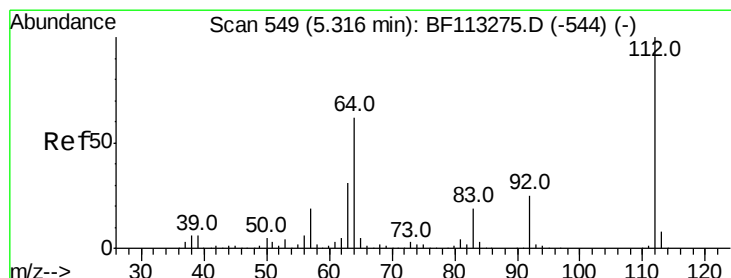
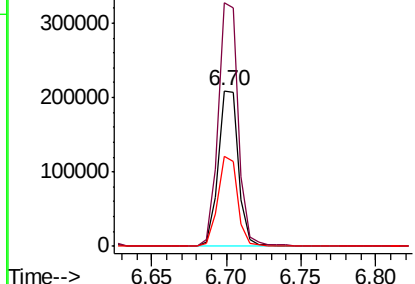
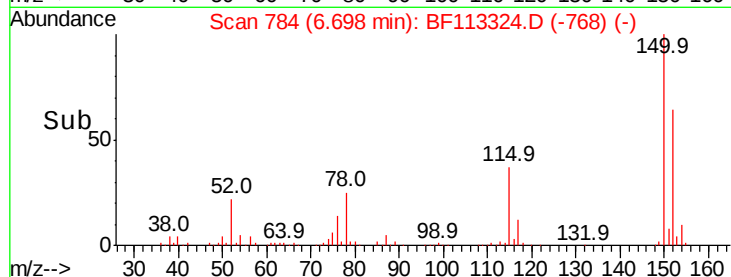
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:152 Resp: 200361
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 58.1 46.0 69.0



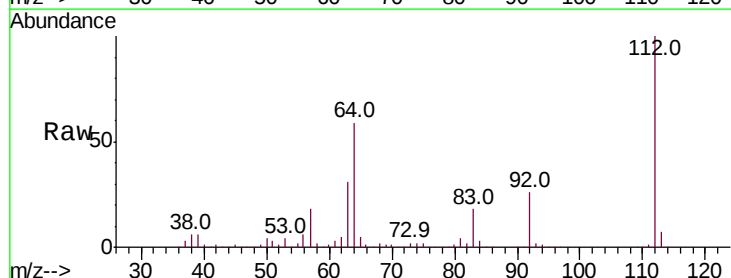
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



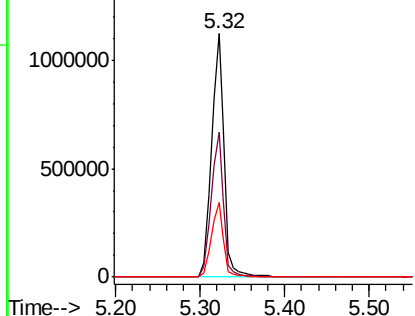
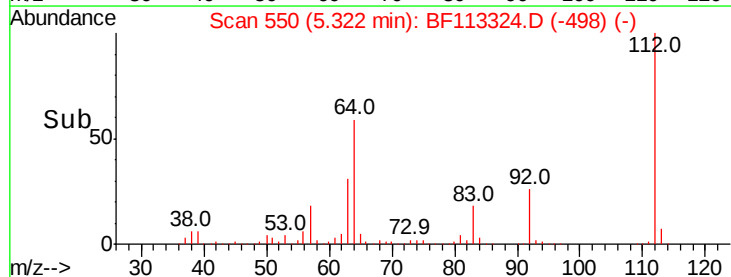
#5

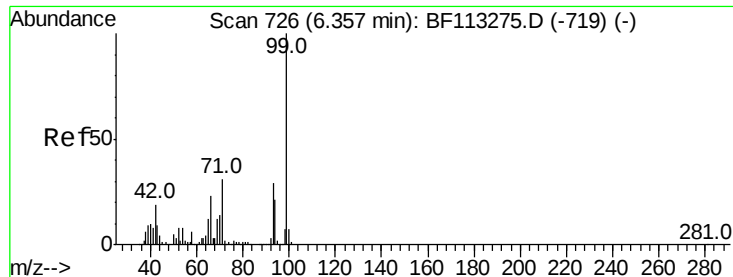
2-Fluorophenol
Concen: 97.693 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Tgt Ion:112 Resp: 1197085
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 30.6 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.187 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

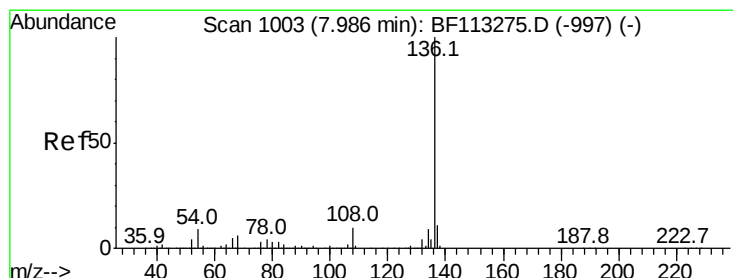
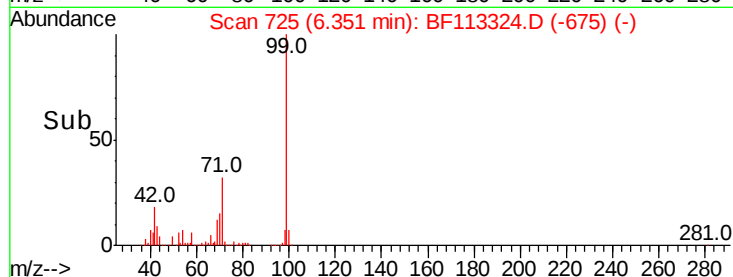
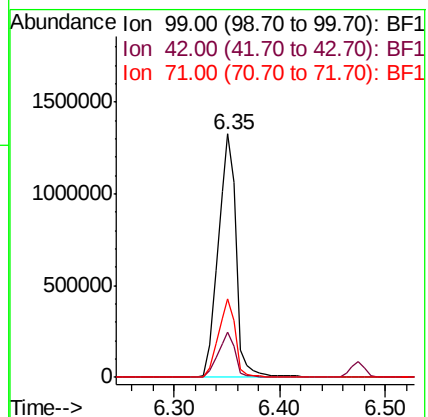
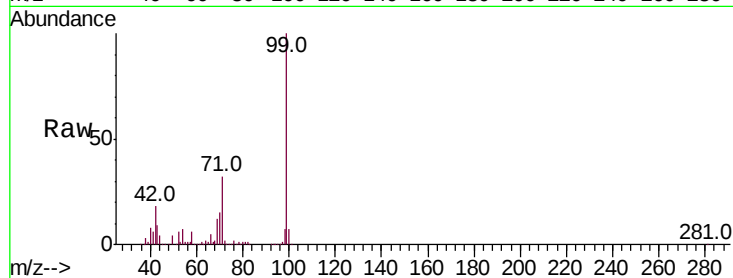
Tot Ion: 99 Resp: 1599543

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

71 32.2 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Tgt Ion: 136 Resp: 760188

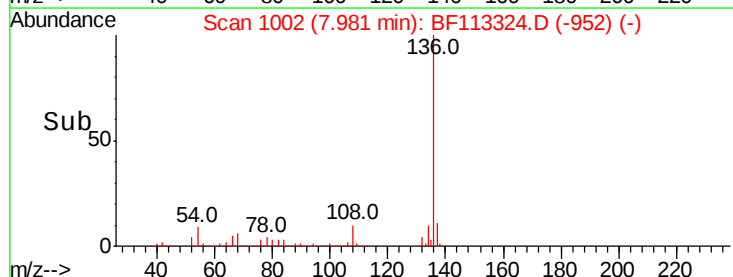
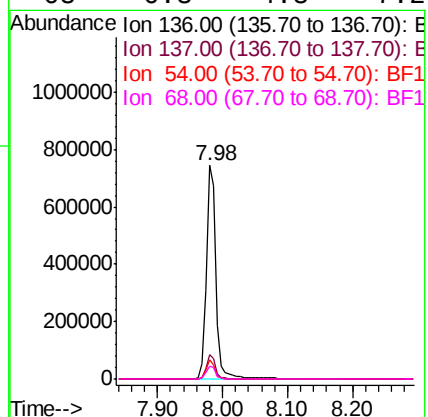
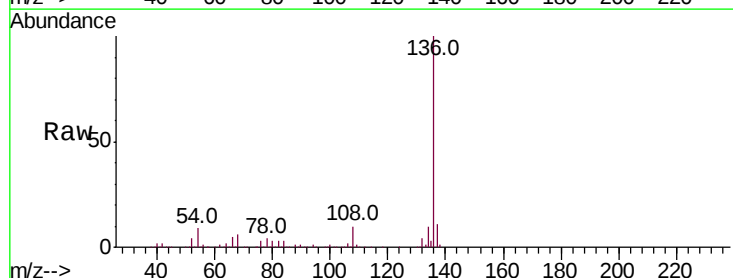
Ion Ratio Lower Upper

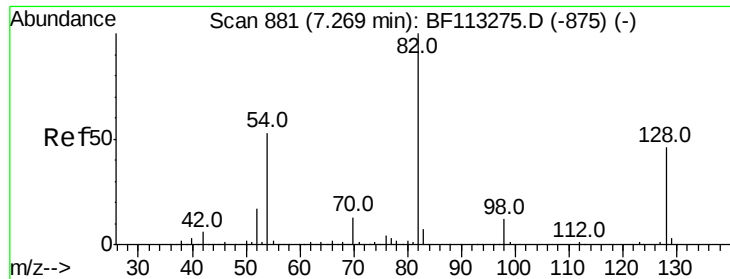
136 100

137 11.2 8.9 13.3

54 8.8 7.0 10.6

68 6.3 4.8 7.2

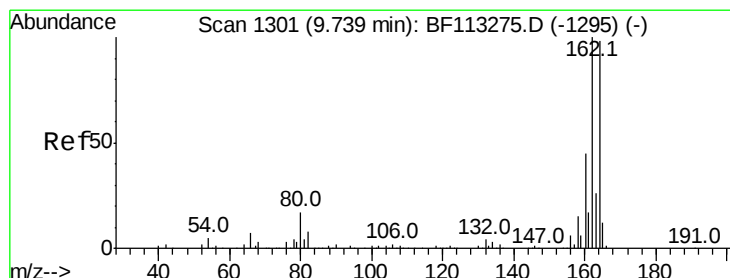
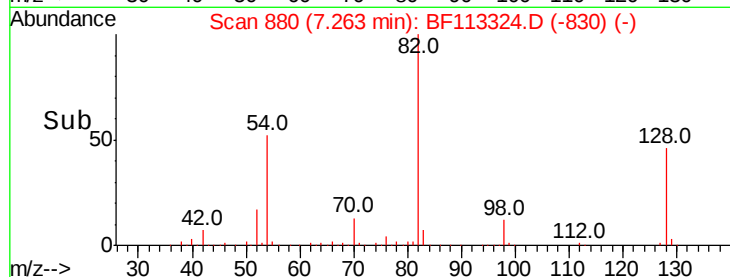
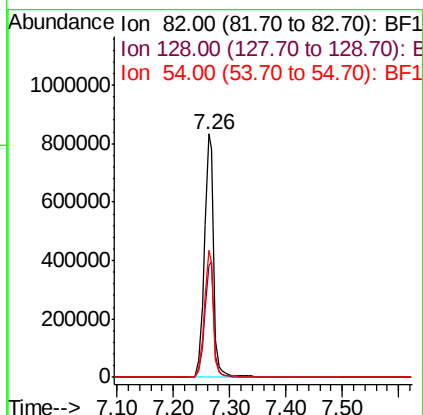
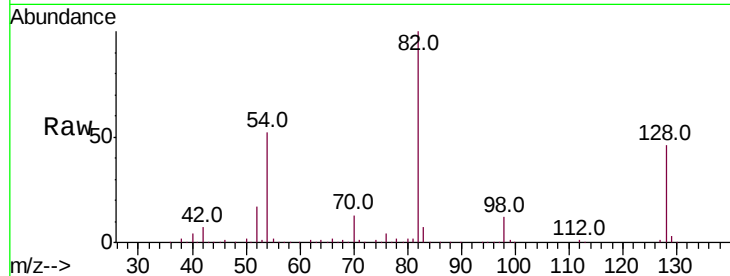




#23
 Nitrobenzene-d5
 Concen: 75.695 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

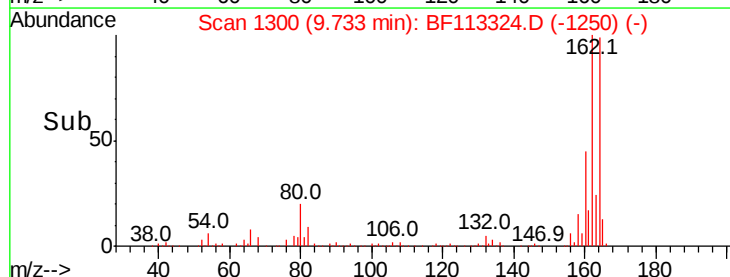
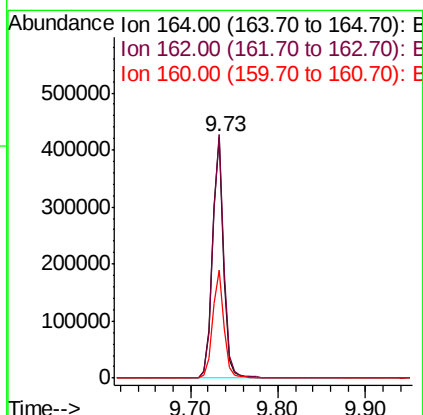
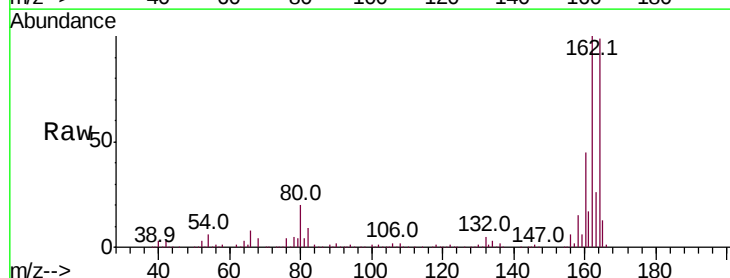
Instrument :
 BNA_F
 ClientSampleId :
 S-1

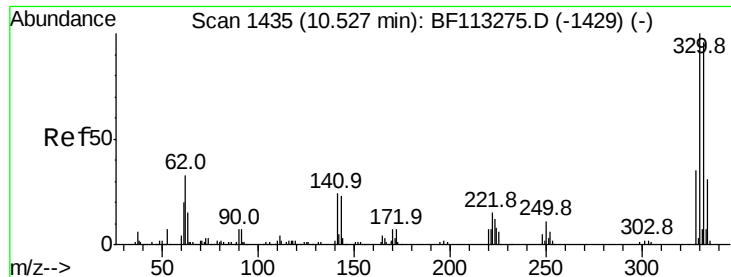
Tot Ion: 82 Resp: 969480
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.5 54.7
 54 52.3 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Tgt Ion: 164 Resp: 373688
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 44.9 36.4 54.6

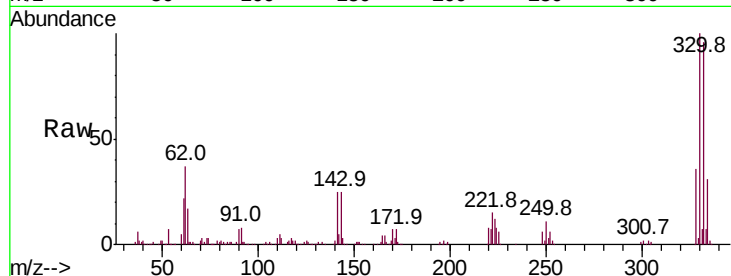




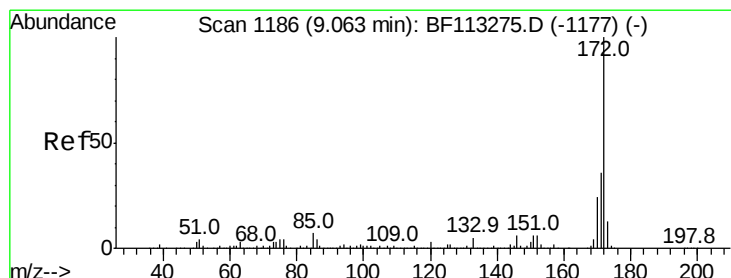
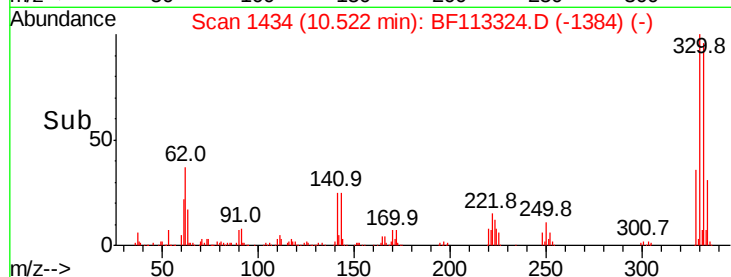
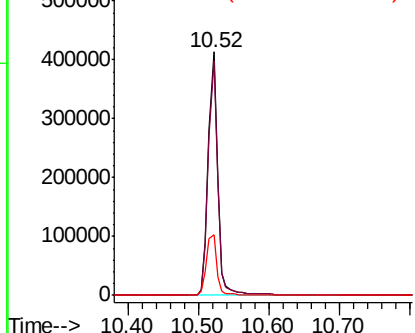
#42
 2,4,6-Tribromophenol
 Concen: 84.787 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion:330 Resp: 391366
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 27.3 22.7 34.1

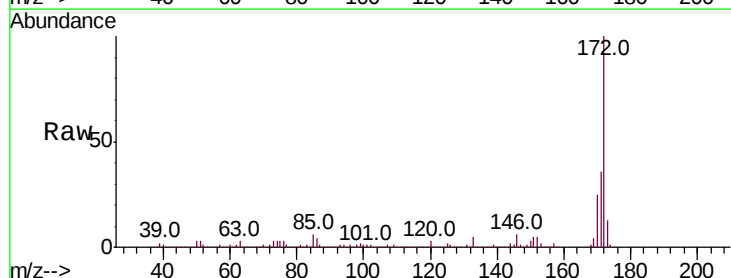


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

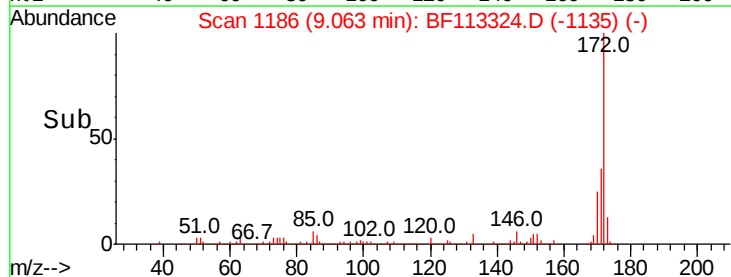
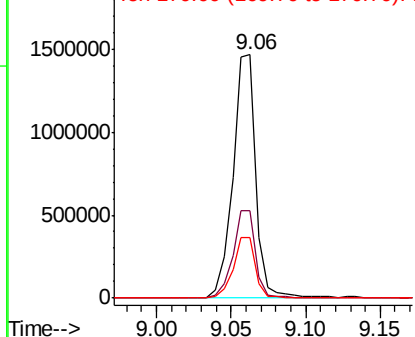


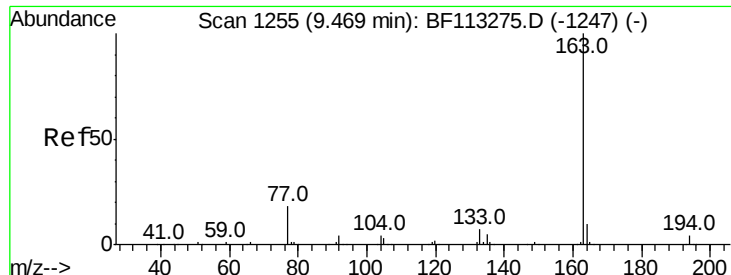
#45
 2-Fluorobiphenyl
 Concen: 61.750 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113324.D
 Acq: 27 Mar 2019 12:04

Tgt Ion:172 Resp: 1587262
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.969 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

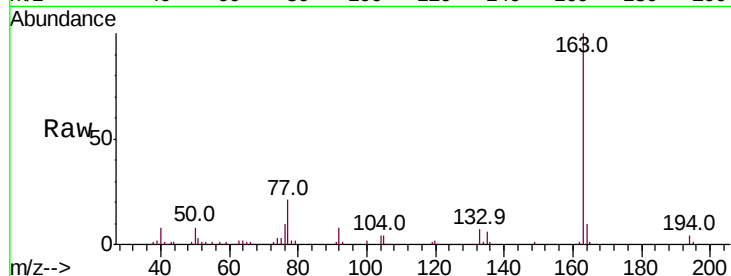
Tot Ion:163 Resp: 109907

Ion Ratio Lower Upper

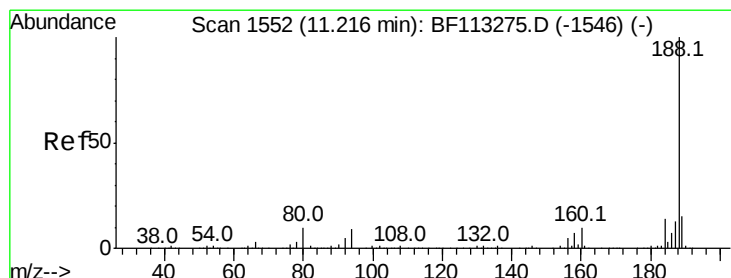
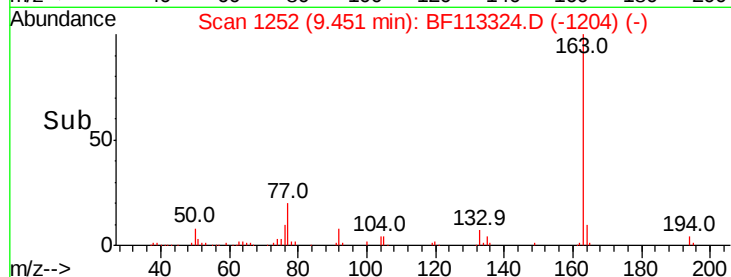
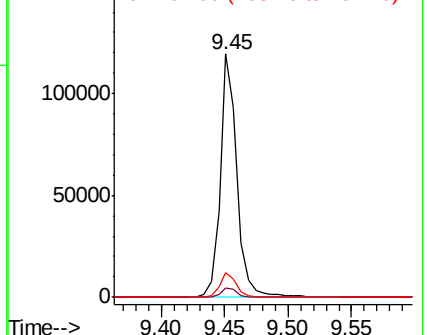
163 100

194 4.0 3.0 4.6

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

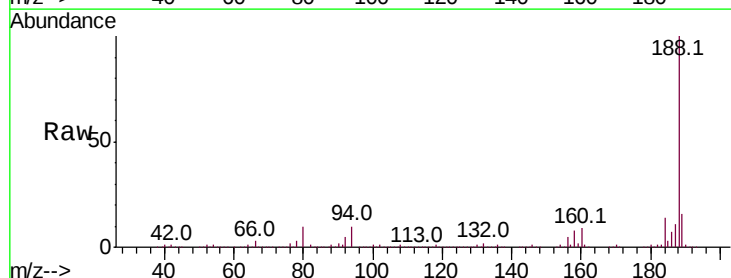
Tgt Ion:188 Resp: 765180

Ion Ratio Lower Upper

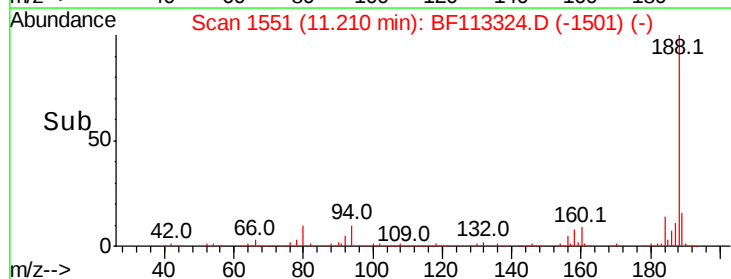
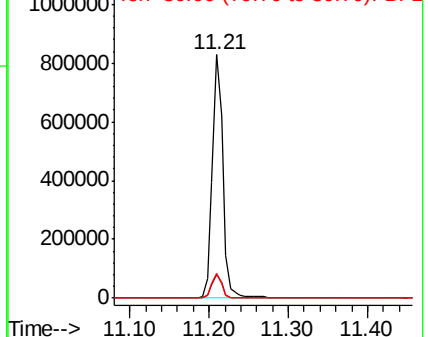
188 100

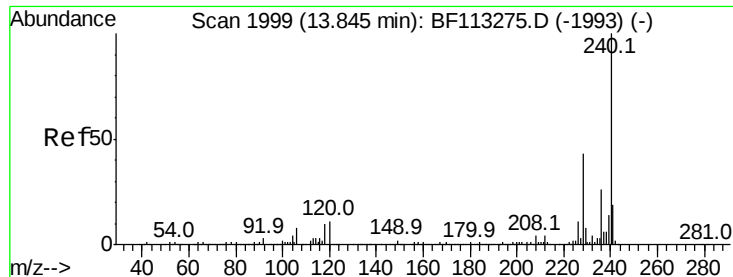
94 9.7 7.0 10.6

80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

Instrument :

BNA_F

ClientSampleId :

S-1

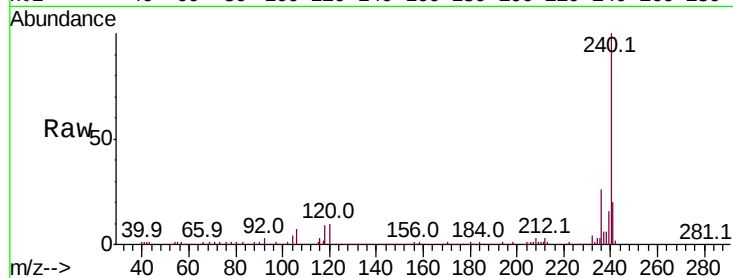
Tot Ion:240 Resp: 574373

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

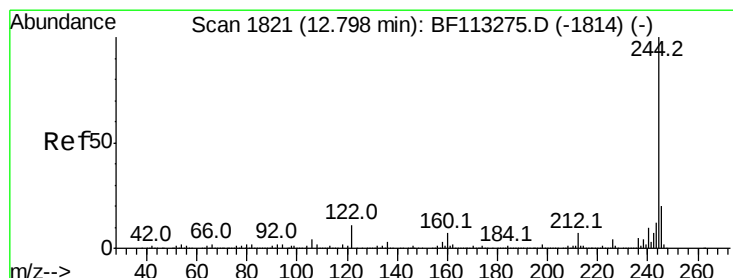
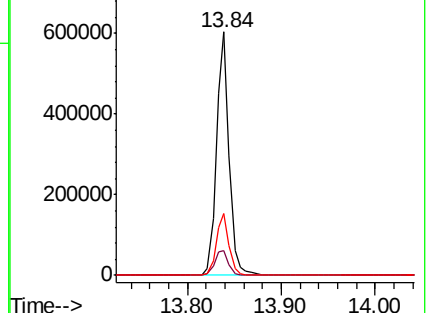
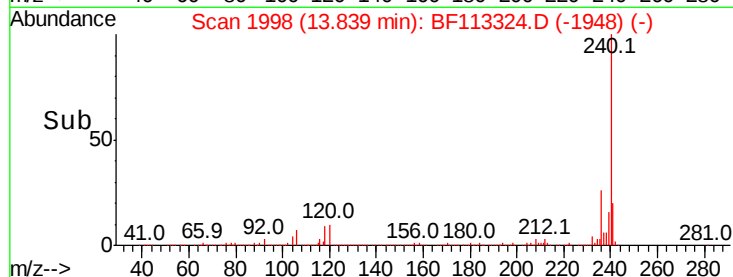
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 65.731 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113324.D

Acq: 27 Mar 2019 12:04

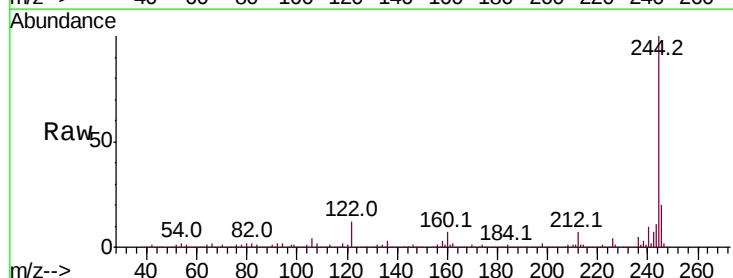
Tgt Ion:244 Resp: 1712844

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

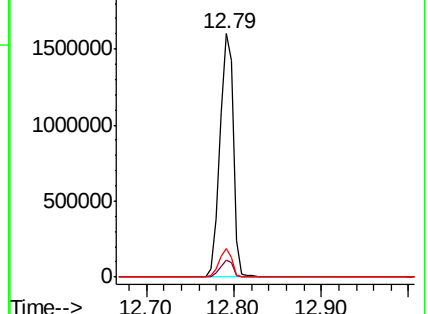
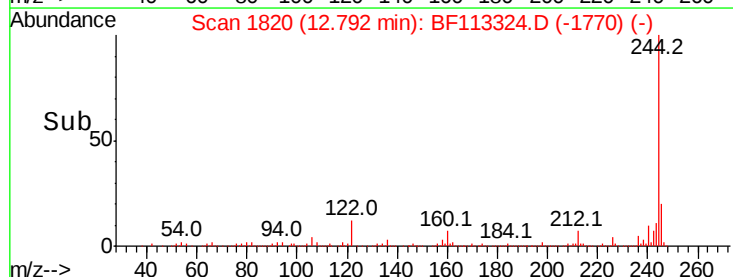
122 11.7 8.6 13.0

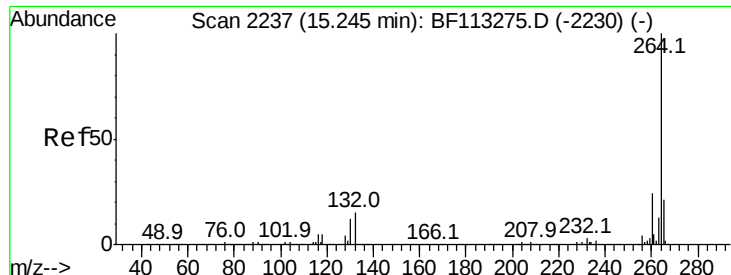


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113324.D
Acq: 27 Mar 2019 12:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.1	25.7

